

Figure 1 consists of 12 subplots, each representing a different value of k from 1 to 12. Each subplot is a histogram showing the frequency of the number of non-zero elements in the rows of the matrix A_k . The x-axis for all plots is labeled 'Number of non-zero elements' and ranges from 0 to 10. The y-axis is labeled 'Frequency' and ranges from 0 to 10. The distributions are roughly bell-shaped and centered around 5-6 non-zero elements. The data for each plot is as follows:

k	Frequency (0)	Frequency (1)	Frequency (2)	Frequency (3)	Frequency (4)	Frequency (5)	Frequency (6)	Frequency (7)	Frequency (8)	Frequency (9)	Frequency (10)
1	0	0	0	0	0	1	4	3	0	0	0
2	0	0	0	0	0	1	4	3	0	0	0
3	0	0	0	0	0	1	4	3	0	0	0
4	0	0	0	0	0	1	4	3	0	0	0
5	0	0	0	0	0	1	4	3	0	0	0
6	0	0	0	0	0	1	4	3	0	0	0
7	0	0	0	0	0	1	4	3	0	0	0
8	0	0	0	0	0	1	4	3	0	0	0
9	0	0	0	0	0	1	4	3	0	0	0
10	0	0	0	0	0	1	4	3	0	0	0
11	0	0	0	0	0	1	4	3	0	0	0
12	0	0	0	0	0	1	4	3	0	0	0

Correspondence Customer Number:: 22889

Title Line One:: POLYMER COATED WALL COVERING MATERIAL
Total Drawing Sheets:: 1
Formal Drawings?:: Yes
Application Type:: Utility
Docket Number:: 25098A